

V. Implementation

Priority Actions

Viewpoint park sites are rated on a 1 to 3 scale to determine the urgency and sequence in which site issues and conditions should be addressed by Urban Forestry Staff. The following factors influence priority designation:

- amount of intended view obstructed by vegetation
- location and amount of park use
- imminent issues that need to be addressed i.e. erosion, uncontrolled access, hazard
- concurrency with other park improvements
- extent of work required to complete restoration

Phasing

Viewpoint maintenance prescriptions for site restoration typically include one or more of the following phases:

- Phase 1 - Tree removal and pruning
- Phase 2 - Eradicate invasive weeds
Cover slopes with erosion control material
Plant layered vegetation
Mulch eroded slopes and new plantings
Provide temporary irrigation
- Phase 3 - Plant Zone 2 transition hedges at crest of slope for slope stability, definition and visual appeal

Labor Sources

Labor Sources include the following paid and unpaid support:

A. Urban Forestry Staff is responsible for:

1. All arborist work or directing contracts for contracted tree work
2. Invasive removal, erosion control, planting, mulching in forested situation (NOT developed landscape sites) – shared responsibility with Districts
3. Reforestation programs
4. Capital project-related labor or contracts related to establishing care and ongoing maintenance for trees

B. District Park Maintenance Staff is responsible for:

1. Maintenance of developed areas of parks once Viewpoints restoration is completed
2. Invasive removal, erosion control, planting, mulching – shared responsibility with Urban Forestry staff
3. Limited implementation work depending on current workloads, skill and interest such as:
 - controlling adjacent vegetation
 - pruning shrubs and small trees for view (groundwork and/or low ladder work)
 - planting (specifically transition hedges and in developed areas)

C. Contracted specialists for one or more of the following tasks:

- invasive weed control
- tree pruning and removal
- application of erosion control materials
- restoration planting
- mulching
- temporary water applications

D. Depending on the site conditions, **community volunteers** may be involved in one or more of the following tasks as determined by the project's urban forester or crew chief:

- weeding
- planting
- mulching
- watering

A safety plan must be submitted and approved for all projects using volunteer labor.

Cost Estimates

Clearing Costs for Canopy Conversion

The Seattle Department of Parks and Recreation (DPR) estimated that under current conditions, labor for one view clearing project of typical size costs approximately \$20,000 as noted in the Magnolia Vegetation Management Plan, adopted in 1998.

- small-med shrub clearing is approximately \$0.10/SF
- large shrub-small tree clearing is approximately \$0.15/SF

Planting Costs

To estimate planting costs use the following standards:

\$3.00 – 3.50/ SF for planting layered vegetation at approximately 5' on center:

- 1 gallon groundcovers and small shrubs,
- 2 gallon larger shrubs
- 5 gallon trees (approx. 1 inch caliper)

Erosion Control

Costs for erosion control blankets are approximately:

\$0.50/SF for jute material

Seattle Park Viewpoints
Vegetation Management Plan Study Sites

VIEWPOINT VEGETATION MANAGEMENT IMPLEMENTATION PRIORITIES																			
SEPA Viewpoint Park MANAGEMENT & MAINTENANCE PRIORITY	Tree Pruning Needed	Tree Removal Needed	Slope and Erosion Control Required	Invasive Weed Removal Needed	Limited Replanting	Canopy Conversion Slope Revegetation	MANAGEMENT ZONES	ZONE 1 - Developed Park Landscape	ZONE 2 - Transition at Crest of Slope	ZONE 3 - Hillside (Native Area)	MAINTENANCE FREQUENCY	5 - year cycle	3 - year cycle	1 - year cycle	% SEPA intended view (2004 status)	MANAGEMENT CATEGORY	1 - Canopy Conversion Required	2 - Tree Pruning &/or Invasive Removal	3 - Slope Stability & Erosion Control
PRIORITY 1																			
Betty Bowen (Marshall) Park	X	X		X		X			X	X				X	40		X		
Bhy Kracke Park	X	X	X	X	X			X		X			X		25				X
Lakeview Park	X	X	X	X		X				X			X		75		X		
McCurdy Park	X			X						X		X			10			X	
Montlake Playfield	X	X		X						X			X		10			X	
Riverview Playfield Park	X	X		X		X			X	X				X	30		X		
Jose Rizal Park	X		X			X			X	X			X		90		X		
West Seattle Rotary Park		X	X	X	X				X	X			X		50				X
PRIORITY 2																			
Bagley Park Viewpoint	X	X	X	X	X				X	X			X		50				X
Belvedere (Admiral) Park	X			X					X	X			X		90			X	
Boren-Pike-Pine (Four Columns)	X			X	X			X	X	X		X			80			X	
Commodore Park	X	X	X	X	X				X	X			X		50				X
Louisa Boren Park	X	X	X	X		X			X	X			X		65		X		
Roanoke Street Mini-Park	X		X	X	X			X		X		X			50				X
Sunset Hill Park	X			X					X	X			X		90			X	
Viretta Park	X			X				X		X		X			50			X	
PRIORITY 3																			
Discovery Park / Daybreak Star	X			X	X				X	X			X		75			X	
East Portal - I-90 Overlook	X				X			X				X			95			X	
Kobe Terrace Park	X		X		X			X				X			90				X
Mt. Claire-Mt. Baker		X	X	X	X				X	X		X			85				X
Myrtle Edwards Park	X			X	X			X				X			95			X	
Rainbow Point (Banner Place)	X									X		X			80			X	
Twelfth Avenue South Park	X		X	X	X				X	X		X			85				X
West Seattle Golf Course	X							X		X		X			75			X	